

Abstract

**APPARATUS AND METHOD FOR AVOIDING GAS BUBBLES
WHEN TRANSPORTING A LIQUID BY MEANS OF PUMPS**

The present invention provides an apparatus and a method for avoiding gas bubbles when transporting a liquid. The apparatus comprises a conditioning container in which the liquid is degassed due to a low pressure. In a supply container, which is arranged downstream of the conditioning container, the degassed liquid is preferably pumped out preferably by means of a plunger pump which is submerged below the surface of the liquid. The plunger pump has a stationary piston and a movable cylinder, wherein the cylinder pumps liquid through an opening of the piston into an outlet conduit. Since the piston and the cylinder are arranged in the liquid, gas bubbles are prevented from entering the liquid to be transported.

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